

The chemical structure shows a steroid-like core with a side chain at C-13. The side chain consists of a 4-hydroxy-4-methylpentyl group attached to C-13 via a wedged bond. At C-14, there is a hydrogen atom shown with a dashed bond. At C-15, there is a methyl group shown with a wedged bond. The A-ring (C-1 to C-6) is a cyclohexene ring with a double bond between C-1 and C-2. C-1 is substituted with an OR₁ group. C-2 is substituted with a methyl group. C-3 is substituted with an R₂O group. C-4 is substituted with a vinyl group (CH=CH₂). The B-ring (C-7 to C-10) is a cyclohexane ring. The C-ring (C-11 to C-14) is a cyclohexane ring. The D-ring (C-15 to C-18) is a cyclohexane ring.

The compound is useful as a treating agent for osteoporosis, rickets, hyperthyroidism, etc.